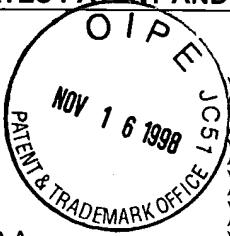


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of

Jay S. Walker, Bruce Schneier and
James A. Jorasch



for METHOD AND APPARATUS FOR A
CRYPTOGRAPHICALLY ASSISTED COMMERCIAL
NETWORK SYSTEM DESIGNED TO FACILITATE
AND SUPPORT EXPERT-BASED SUPPORT

Serial No.: 09/112,131

Filed: 08-Jul-1998

Examiner: Cain, D.

Group Art Unit: 3642

Docket No.: WD2-96-002X

Commissioner of Patents and Trademarks
Washington, D.C. 20231

APPOINTMENT OF POWER OF ATTORNEY

Sir:

Walker Asset Management Limited Partnership, the sole assignee and owner of the entire right, title and interest in the above-identified patent application, hereby appoints Dean Alderucci (Reg. No. 40,484), Robert R. Lech (Reg. No. 37,169) and Jeffrey L. Brandt (Reg. No. 31,490), as attorneys of record, and Charles A. Rattner (Reg. No. 40,136) as agent, all of Walker Digital Corporation located at Five High Ridge Park, Stamford, Connecticut 06905-1326, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please address all written correspondence to:

Walker Digital Corporation
Five High Ridge Park
Stamford, CT 06905-1326
Phone (203) 705-3000
Fax (203) 595-8266

Certificate Under 37 C.F.R. § 3.73(b)

Walker Asset Management Limited Partnership, a limited partnership organized and existing under the laws of the state of Connecticut, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. An Assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the U.S. Patent and Trademark Office on April 13, 1998 at Reel 9169, Frame 0313, or for which a copy thereof is attached.

B. [] A chain of title from the inventor(s) of the patent application identified above to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
4. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

[] Copies of the assignments or other documents in the chain of title are attached.

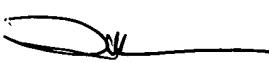
The undersigned has reviewed all the documents in the chain of title of the patent application identified above and to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application identified above or any patent issuing thereon.

Walker Asset Management Limited Partnership

Dated: November 12, 1998

By 
Jay S. Walker,
President of Walker Digital Corp. as General
Partner of Walker Asset Management Limited
Partnership



JULY 15, 1998

MORGAN & FINNEGAN, L.L.P.
WALTER G. HANCHUK, ESQ.
345 PARK AVENUE
NEW YORK, NEW YORK 10154-0053

PTAS

UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



3178-4033
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MORGAN & FINNEGAN, L.L.P.
345 PARK AVENUE
NEW YORK, NEW YORK 10154-0053

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION
OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/13/1998

REEL/FRAME: 9169/0313
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
WALKER, JAY S.

DOC DATE: 10/16/1996

ASSIGNOR:
SCHNEIER, BRUCE

DOC DATE: 10/17/1996

ASSIGNOR:
JORASCH, JAMES A.

DOC DATE: 10/16/1996

ASSIGNEE:
WALKER ASSET MANAGEMENT LIMITED
PARTNERSHIP
FOUR HIGH RIDGE PARK
STAMFORD, CONNECTICUT 06905

SERIAL NUMBER: 08685706
PATENT NUMBER:

FILING DATE: 07/24/1996
ISSUE DATE:

JEEVON JONES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



100690353B

AUTHORIZATION TO CHARGE ADDITIONAL FEES TO DEPOSIT ACCOUNT

JULY 15, 1998

TO: OFFICE OF FINANCE
FROM: ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS
SUBJECT: DEPOSIT ACCOUNT CHARGE(S)

CHARGE THE DEPOSIT ACCOUNT LISTED BELOW ADDITIONAL FEE(S) AS INDICATED BELOW. AUTHORIZATION TO CHARGE ADDITIONAL FEES HAS BEEN PROVIDED PER THE ATTACHED COVER SHEET, OR BY DIRECT CONTACT WITH THE CUSTOMER.

DEPOSIT ACCOUNT NUMBER: 13-4500
PROPERTY NUMBER: 08685706

RECORDING FEES:

FEE CODE: 581 AMOUNT: 40

IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE, YOU MAY CONTACT THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.

JEEVON JONES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

TRADEMARK SERVICE FEES: FEE CODE:

RECORDING FIRST MARK	481
RECORDATION SECOND AND	482
SUBSEQUENT MARK IN SAME DOCUMENT	
LABOR CHARGES FOR SERVICES PER HOURS	484
OR FRACTION THEREOF	
UNSPECIFIED OTHER SERVICES	485

PATENT SERVICE FEES:

RECORDING EACH PATENT ASSIGNMENT, 581

AGREEMENT, OTHER PAPER, PER PROPERTY	
LABOR CHARGES FOR SERVICES PER HOUR	584
(\$30) OR FRACTION THEREOF	
UNSPECIFIED OTHER SERVICES	585

04-22-1998



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PATENT
Docket No. 3178-4033

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

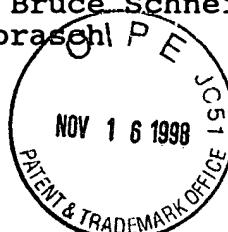
APPLICANT : Jay S. Walker, Bruce Schneier,
and James A. Jorasch

GROUP ART UNIT: 3642

SERIAL NO.: 08/685,706

EXAMINER: David Cain

FILED : July 24, 1996



FOR : METHOD AND APPARATUS FOR A CRYPTOGRAPHICALLY
ASSISTED COMMERCIAL NETWORK SYSTEM DESIGNED TO
FACILITATE AND SUPPORT EXPERT-BASED COMMERCE

RECORDATION FORM COVER SHEET
PURSUANT TO 37 C.F.R. §§ 3.28 AND 3.31

Assistant Commissioner for Patents
BOX ASSIGNMENT
Washington, D.C. 20231

Sir:

Please record the attached original documents or copy
thereof.

1. Name of conveying party/parties:

JAY S. WALKER, BRUCE SCHNEIER AND JAMES A. JORASCH

2. Name and address of receiving party/parties:

Name: Walker Asset Management Limited Partnership

Internal Address: _____

Street Address: Four High Ridge Park

City Stamford State Connecticut Country USA

ZIP 06905

Additional names and addresses attached.

3. Nature of Conveyance:

Assignment Merger Security Agreement
 Change of Name Other _____

PATENT
Docket No. 3178-4033

Execution Dates: October 16, 1996 and October 17, 1996

4. Application Number(s) or Patent Number(s):

This document is being filed together with a new application filed concurrently herewith and which was executed on _____.

Patent Application No.(s) 08/685,706.

5. Address all future communications to:

Walter G. Hanchuk, Esq.
MORGAN & FINNEGAN, L.L.P.
345 Park Avenue
New York, New York 10154-0053

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41 and 1.21(h)):

\$40.00 per property x 1 property(ies) = \$ _____

A check in the amount of \$_____ to cover the recordation fee is enclosed.

Charge fee to Deposit Account No. 13-4500. Order No. 3178-4033.

8. The Commissioner is hereby authorized to charge any additional fees which may be required for this recordation, or credit any overpayment to Deposit Account No. 13-4500. Order No. 3178-4033.

9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Respectfully submitted,
MORGAN & FINNEGAN, L.L.P.

Dated: April 7, 1998

By:

Walter G. Hanchuk
Registration No. 35,179

PATENT
Docket No. 3178-4033

Mailing Address:

Total number of pages
comprising this cover sheet 3

MORGAN & FINNEGAN, L.L.P.
345 Park Avenue
New York, New York 10154-0053
(212) 758-4800
(212) 751-6849 Facsimile

ASSIGNMENT

WHEREAS, Jay S. Walker, Bruce Schneier, and James A. Jorasch (hereinafter "the Assignors"), citizens of the United States of America, respectively, residing at 124 Spectacle Lane, Ridgefield, Connecticut 06877; 7115 West North Avenue, Apt. 16, Oak Park, Illinois 60302; and 25 Forest St. #5G, Stamford, Connecticut 06901 have invented certain new and useful improvements in the **METHOD AND APPARATUS FOR A CRYPTOGRAPHICALLY ASSISTED COMMERCIAL NETWORK SYSTEM DESIGNED TO FACILITATE AND SUPPORT EXPERT-BASED COMMERCE**, for which an application for United States Letters Patent was filed on July 24, 1996, and assigned Patent Application No. 08/685,706; and

WHEREAS, Walker Asset Management Limited Partnership, a Connecticut limited partnership with an address of Four High Ridge Park, Stamford, Connecticut 06905 (hereinafter "the Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention described therein, and each and every patent that can be issued on said application and on said invention in the United States of America and in its territories and possessions, and in all countries foreign to the United States of America;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of One Dollar (\$1.00), in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the Assignee the full and exclusive right, title and interest in and to the aforesaid application, the aforesaid invention, and each and every patent that may be issued on the aforesaid invention and application in the United States of America, and in its territories and possessions and also in all countries foreign to the United States of America, the same to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors, assigns or

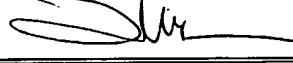
other legal representatives to the end of the term or terms for which a patent or patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made.

Assignors hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent on the aforesaid invention or resulting from the aforesaid application directly to the Assignee.

Assignors hereby authorize the Assignee and its successors to apply for a patent or patents directly in its own name upon the aforesaid invention wherever the same is permitted by law, and also assign, sell, transfer and set over unto the Assignee and its successors all priority rights under the aforesaid application.

Assignors further covenant to execute all additional instruments and to do all things necessary to carry out the purpose of this instrument, at the expense of the Assignee and its successors.

In WITNESS WHEREOF, Assignors have hereunto set their hands and affixed their seals this 16 day of Oct, 1996.



Jay S. Walker

STATE OF Connecticut)
ss.: Stamford
COUNTY OF Fairfield)

On this 16 day of October, 1996, before me came Jay S. Walker, to me known and known to me to be the individual described in, and who executed the foregoing instrument, and he acknowledged to me that he had executed the same.



Notary Public
MY COMMISSION EXPIRES
OCTOBER 31, 1999

Bruce Schneier

On this 17 day of October, 1996, before me came Bruce Schneier, to me known and known to me to be the individual described in, and who executed the foregoing instrument, and he acknowledged to me that he had executed the same.

KATHLEEN A. KELLIHER
NOTARY PUBLIC - MINNESOTA
RAMSEY COUNTY
My Commission Expires Jan. 31, 2000

James A. Jorasch

STATE OF *Connecticut*) ss.: *Hampshire*
COUNTY OF *Fairfield*)

On this 16 day of October, 1996, before me came James A. Jorasch, to me known and known to me to be the individual described in, and who executed the foregoing instrument, and he acknowledged to me that he had executed the same.

Maury R. Leonard
Notary Public
MY COMMISSION EXPIRES
OCTOBER 31, 1999